

Joint
DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As the below named inventors, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names.

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled FILTERED CATHODIC-ARC PLASMA SOURCE, the specification of which is attached hereto.

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

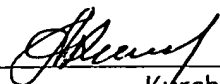
And We hereby give irrevocable control of this application for Letters Patent to the Secretary of the Air Force, and appoint Gerald B. Hollins, Registration No. 25,452 and Thomas L. Kundert, Registration No. 27,247, telephone number 937/255-2838, whose post office address is AFMCLO/JAZ, Bldg 11, Room 100, 2240 B Street, Wright-Patterson AFB OH 45433-7109, attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18, United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of first inventor

IVAN I. AKSENOV

Inventor's Signature



Date August 26, 2003

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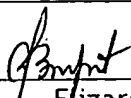
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Same as above

Full name of second inventor

VOLODYMYR E. STRELNYTSKIY

Inventor's Signature



Date August 26, 2003

Residence Address

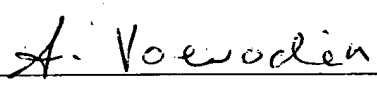

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Declaration and Power of Attorney for Patent Application (Continued)

FILTERED CATHODIC-ARC PLASMA SOURCE

Full name of third inventor VOLODYMYR V. VASYLYEVInventor's Signature  Date August 26, 2003Residence Address Frunze Av. 55A, Kharkov, Ukraine, 61089Citizenship UkrainePost Office Address Same as aboveFull name of fourth inventor ANDREY A. VOEVODINInventor's Signature  Date September 5, 2003Residence Address 5478 Folkestone Drive, Dayton OH 45459Citizenship U.S.A.Post Office Address Same as aboveFull name of fifth inventor JOHN G. JONESInventor's Signature  Date September 5, 2003Residence Address 140 Linden Avenue, Dayton OH 45403Citizenship U.S.A.Post Office Address Same as aboveFull name of sixth inventor JEFFREY S. ZABINSKIInventor's Signature  Date September 8, 2003Residence Address 5263 Clearcreek Trail, Yellow Springs OH 45387Citizenship U.S.A.Post Office Address Same as above